

REPORT OF CHANNEL CONDITIONS (FOR CHANNELS 400 FEET WIDE OR GREATER) (ER 1130-2-316)						Page 1 of 1		
						November 2001		
TO: Commander, Naval Submarine Base ATTN: Code FE21, Kings Bay, GA				FROM: USACE. District Engineer Attn: CESAJ-CO-OM Jacksonville, Florida				
RIVER/HARBOR NAME AND STATE Kings Bay Entrance Channel, GA				MINIMUM DEPTHS IN EACH 1/4 WIDTH OF CHANNEL ENTERING FROM SEAWARD				
NAME OF CHANNEL	Date of Survey	AUTHORIZED PROJECT			Left Outside Quarter (feet)	Left Inside Quarter (feet)	Right Inside Quarter (feet)	Right Outside Quarter (feet)
		Width (feet)	Length (miles)	Depth (feet)				

Entrance Channel to Channel dogleg (Cut-2N): from southern end of Entrance Channel to red lighted Buoy-10	Nov-2001	500	4.7	46	47.9	47.5	47.2	47.7
Straight Outer Reach: from red lighted Buoy-10 (PI Cut-1N/2N) to 1,500 feet east of red lighted Buoy-16	Nov-2001	500	3.7	46	46.0	46.6	46.5	46.0
Outer EbbTide Reach: from 1,500 feet east of red lighted Buoy-16 to 2,000 feet west of red Buoy-16A (Cut-1N)	Nov-2001	500	1.5	46	44.8 (1)	45.1 (1)	44.6 (1)	43.9 (1)
Inner Ebb Tide Reach: from 2,000 feet west of red lighted Buoy-16A to 700 feet west of red lighted Buoy-20	Nov-2001	500	1.3	46	47.2	48.6	49.0	47.1
Reach: from 700 feet west of red Buoy-20 to red lighted Buoy-24	Nov-2001	500	1.6	46	46.5	46.0	45.9	39.5 (2)
Inner Jetty Reach: from red lighted Buoy-24 to 1,400 feet west of yellow lighted Buoy-F (PI Range-A/Cut-1N)	Nov-2001	500	1.3	46	48.5	47.2	48.8	49.0
Widener PI Cut-1N/2N (Buoy-9 to Buoy-11)	Nov-2001	0-400	0.7	46	46.9	48.3	48.4	48.9
North Turning Basin, Cut-1N (red lighted Buoy-24 to yellow lighted Buoy-F).	Nov-2001	350	1.1	42	45.0	44.5	45.1	44.3
South Turning Basin, Cut-1N (green lighted Buoy-25 to yellow lighted Buoy-E).	Nov-2001	350	1.1	42	43.0	44.5	43.5	45.4
Widener PI Cut-1N and Range A (yellow lighted Buoy-F to red lighted Buoy-28)	Nov-2001	0-450	0.6	46	51.1	49.2	49.3	49.7

Remarks:

1. Shoaling located along the north edge of channel from 1,500 feet east of and extending to approximately 1,100 feet west of red lighted Buoy-16. Shoaling then encompasses entire channel from 1,100 feet west of red lighted Buoy-16 to red lighted Buoy-16A. Minor shoaling continues along the north edge of channel throughout remainder of Cut-1N.
2. Shoaling located along northern edge of channel from 300 feet west of red lighted Buoy-22 and extending 800 feet. Spot shoaling also located along the north edge of channel approximately 1,300 feet east of red lighted Buoy-24.